

CNTNAP3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54363

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BZ76
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	140690
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CNTNAP3
Epitope Specificity	31-130/1288
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Isoform 1: Cell membrane; Single-pass type I membrane protein Isoform 2: Secreted
SIMILARITY	Belongs to the neurexin family. Contains 2 EGF-like domains. Contains 1 F5/8 type C domain. Contains 1 fibrinogen C-terminal domain. Contains 4 laminin G-like domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CNTNAP3B is a 1,288 amino acid protein that is encoded by a gene which maps to human chromosome 9. Chromosome 9 contains 145 million base pairs and comprises 4% of the human genome, encoding nearly 900 genes. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in translocations that lead to the aberrant production of a BCR-ABL fusion protein often found in leukemias.

Additional Information

Gene ID	79937
Other Names	Contactin-associated protein-like 3, Cell recognition molecule Caspr3, CNTNAP3, CASPR3, KIAA1714
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

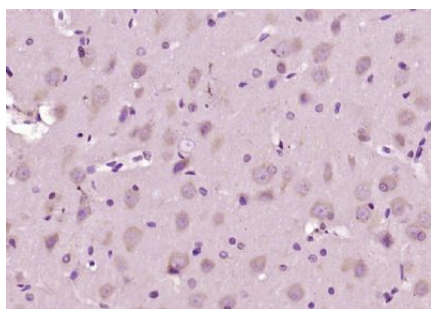
Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CNTNAP3
Synonyms	CASPR3, KIAA1714
Cellular Location	[Isoform 1]: Cell membrane; Single- pass type I membrane protein

Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CNTNAP3) Polyclonal Antibody, Unconjugated (AP54363) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.